

EU Safety Data Sheet

In accordance with 2001/58/EG

RAKUVARIA NAKED RAKU LAYER2 Prepared: 27.10.2019

1. Substance/Preparation and company description

1.1 Description of the substance or the preparation

NAKED RAKU LAYER2.

This safety data sheet is valid for the following products:

NAKED RAKU LAYER2 ART.1915

1.2 Use of the substance

Glaze overcoat of ceramic products for the "Naked Raku" technique

1.3 Company name

RAKUVARIA
Ulfterhoek 25, 5975RG Sevenum, Netherlands
Phone: 0031625119680
Contact: Pieter Huibers
E-Mail: info@rakuvaria.com
Internet: www.rakuvaria.com

1.4 Emergency contact number

Phone: 0031625119680

2. Composition/Constituent specifications

This glaze contain proprietary mixtures of ceramic materials (listed below).The Rakuvaria Naked Raku Layer2 is classified as non-hazardous.

Ingredients	CAS #
Fritte M 1233/T	65997-18-4
Nepheline Syenite	37244-96-5

3. Possible hazards

No hazardous substance or preparation within the meaning of the Dangerous Chemicals Ordinance and/or EEC directives.

No hazards when used as intended. When misused (e.g., swallowing), no hazardous effects on human health have become known.

4. First-aid measures

After eye contact: rinse with water and consult a physician.
After swallowing: rinse mouth with water and consult a physician.
After contact with skin: wash off with water and soap.

5. Fire-fighting measures

Extinguishing agent: No restrictions.

6. Measures upon unintended release

Pick up and collect after spillage or leakage. Prevent skin and eye contact. Prevent emptying into drains.

7. Handling and storage

7.1 Handling

Do not eat, drink, or smoke while glazing. Wash hands directly after use. Thoroughly ventilate spaces during firing, if possible, discharge firing gases directly into the open air.

7.2 Storage

Store closed container in a place inaccessible to children.

8. Exposition limits

8.1 Exposition limits

The product does not contain any relevant quantities of substances with workplace-related limiting values to be monitored.

8.2 Limitation and monitoring of the exposition

8.2.1 Limitation and monitoring of the exposition at the workplace

Wear suitable gloves made of nitrile. Avoid contact with eyes and skin.

8.2.2 Limitation and monitoring of the environmental exposition

The use of the product requires a smoothly functioning exhaustion of the kilns and sufficient ventilation of the workspaces.

9. Physical and chemical properties

9.1 General information

Appearance: Powder mixture, coloured white

Odour: No perceptible odour.

9.2 Important information on health and environmental protection and on safety

ph-value:	8.00-10.00
Boiling point	Not determined
Boiling range	Not determined
Flash point:	n.a.
Combustibility	n.a.
Explosion hazard:	n.a.
Fire-supporting properties:	n.a.
Steam pressure:	n.a.
Relative density:	Not determined
Solubility:	water soluble
Distribution coefficient:	n.a.
Viscosity:	tixotropic.
Vapour density:	n.a.
Evaporation speed:	n.a.

9.3 Other information

Store in a frost-protected place.

10. Stability and reactivity**10.1 Conditions to be avoided:**

Not known

10.2. Substances to be avoided:

Not known

10.3 Hazardous decomposition products

Not known

11. Toxicology specifications

When handled properly and in accordance with the intended use, the product will not cause in our experience and available information any effects harmful to health.

12. Ecological specifications**12.1 Ecotoxicity****12.2 Mobility**

The watery dispersion predominantly consists of water-insoluble, anorganic components which to a great extent can be separated mechanically in cleaning equipment.

Water contaminant class 1 - low hazardous to waters
(WGK) self classification

12.3 Persistence and decomposability

Not applicable

12.4 Bio-accumulation potential

Not applicable

12.5 Other hazardous effects

Not applicable

13. Notes on disposal

If residues and collected wastes cannot be re-used, they can be set in a ceramic vessel by one-time firing at approx. 900°C.

Otherwise, dispose of in accordance with local waste removal regulations. For treatment of the process water, a small sewage plant is recommended.

Waste key product: 080203
Aqueous suspensions which contain ceramic materials.

14. Information on transportation

Not a hazardous transport good.

15. Regulations

Does not require a hazardous warning label according to the EU guidelines/Dangerous Chemicals Ordinance.

16. Other information

- R22 harmful if swallowed
- R36 could irritate your eye
- R24 avoid contact with skin

This information is based on the current status of knowledge and experience.